



## Sunol Yard Improvements | Civic Design Review Phase 2 | July 21, 2014

BUILDING DESIGN & CONSTRUCTION  
S.F. DEPARTMENT OF PUBLIC WORKS

# Agenda

## I. Introduction and Context

- Tim Ramirez, Natural Resources Division Manager, SF Public Utilities Commission

## II. Sunol Yard Improvements Project (Yard and Watershed Center)

- Bryan Dessaure, Project Manager, SF Public Utilities Commission

## III. Sunol Yard Phase 1 Design

- Paul De Freitas, Stanley So, Martha Ketterer & Nick Ancel

Architecture & Landscape Architecture, BDC, SF Department of Public Works



# A robust community process informed the project design:

## I. 2010-2012

- 7 separate public meetings with the Sunol Water Temple Preservation Association (SWTPA), SAGE, and others
- Interviews with school districts, museums, educational organizations, and residents
- Community input during the Sunol Water Temple Centennial Celebration (September 2010)
- Mission and vision brainstorming session (May 2011)
- 2 detailed input documents received from SWTPA (October 2011)
- Open house to discuss the project prior to presenting before Civic Design Review committee (September 2012)
- Proposed design received positive feedback from community in 02/25/13 Public Meeting



# Sunol Yard Improvements

## I. Temple Road Improvements

- Rehabilitation of Entrance Gate and surrounding area
- Improved landscaping and planting between Entrance Gate and Water Temple

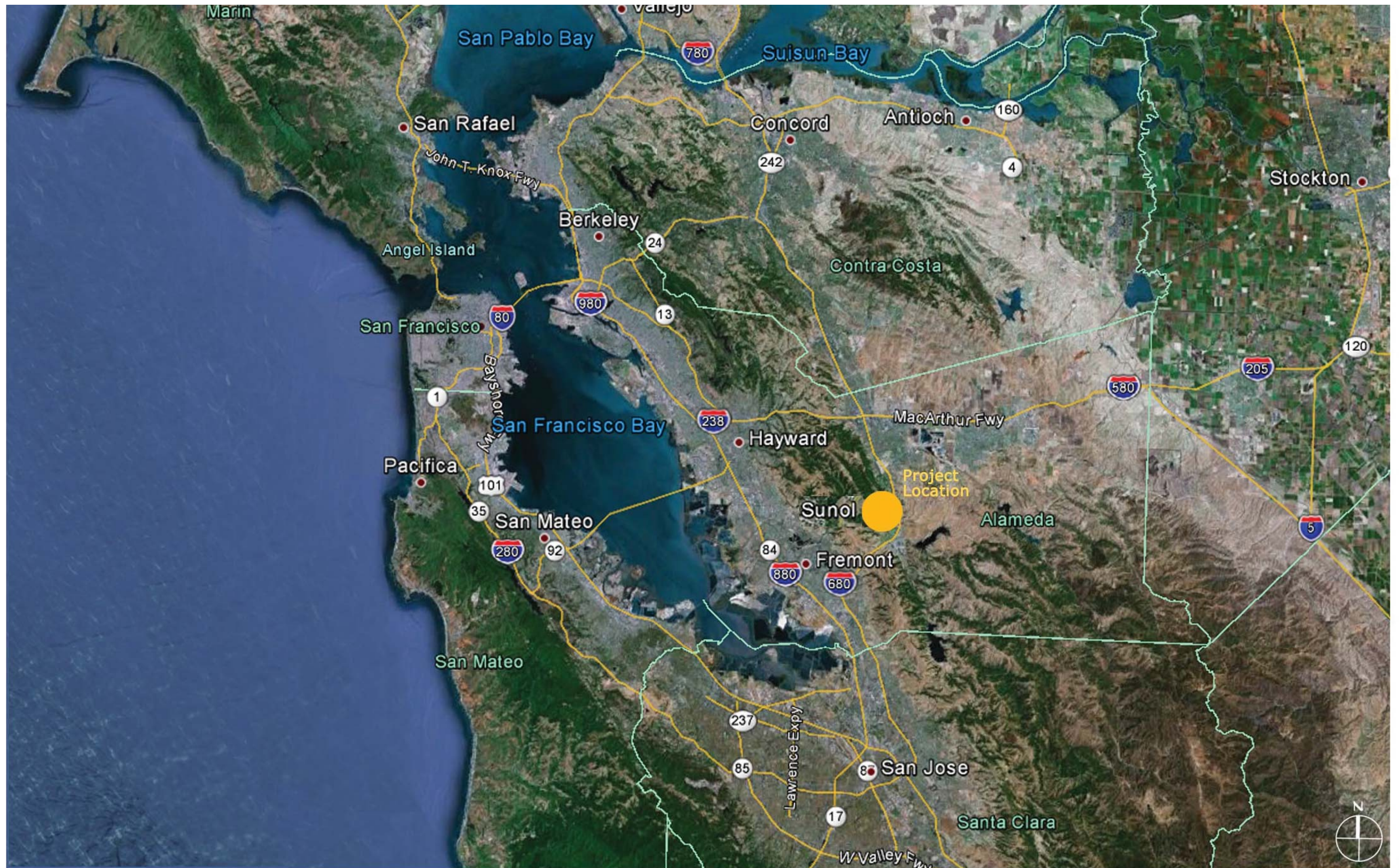
## II. SFPUC Corporation Yard Improvements

- Site reconfigured to improve operational efficiency
- New structures to replace obsolete facilities
- Improved circulation and aesthetics

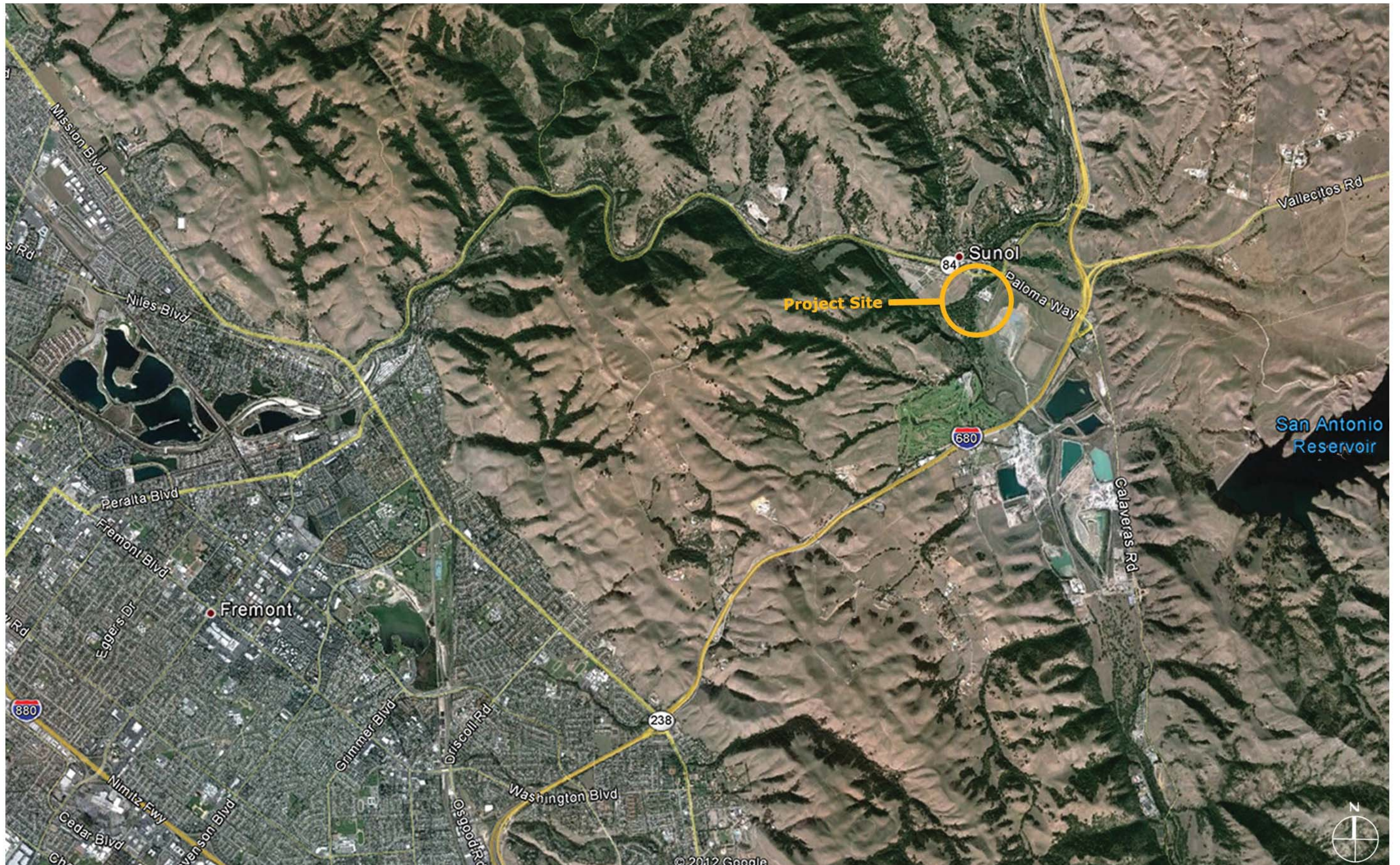
## III. Watershed Center

- Under development

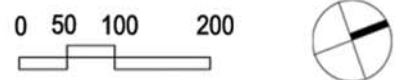
















Sunol Water Temple



North Entry to Yard from Temple Road



Detail of Main Gate to Temple Road



Main Gate to Temple Road looking South to Temple



Temple Road Typical Roadside Landscape





The site design is a reflection of **classical geometry** of the Water Temple, Temple Road and the Agricultural Lines of the adjacent historic farmlands and orchards. Formal patterns of **linear landscape corridors** create an organizing rhythm in sync with the classical and agricultural roots of Sunol Valley.

RIPARIAN ZONE

ORCHARD

TEMPLE ROAD

0 25 50 100  
SCALE: 1" = 50'-0"





# Sections



Elevation Looking West



Site Section Looking West



Site Section Looking North



## Tree Planting



### PLANT PALETTE

#### Trees

*Acer macrophyllum*  
Big Leaf Maple

*Alnus rhombifolia*  
White Alder

*Chitalpa x. tashkentensis*  
Chitalpa

*Prunus 'Accolade'*  
Flowering Cherry



## Bioswale Planting



Typical Section

### BIOSWALE PLANT PALETTE

#### Shrubs

*Mahonia aquifolium 'Compacta'*  
Creeping Oregon Grape

#### Perennials

*Potentilla pectinisceta*  
Combleaf Cinquefoil

#### Grasses

*Carex tumulicola*  
Foothill Sedge

*Festuca californica*  
California Fescue

*Heleocharis macrostachya*  
Common Spike Rush

*Juncus patens*  
California Gray Rush

*Leymus condensatus 'Canyon Prince'*  
Wild Rye





Groundcovers

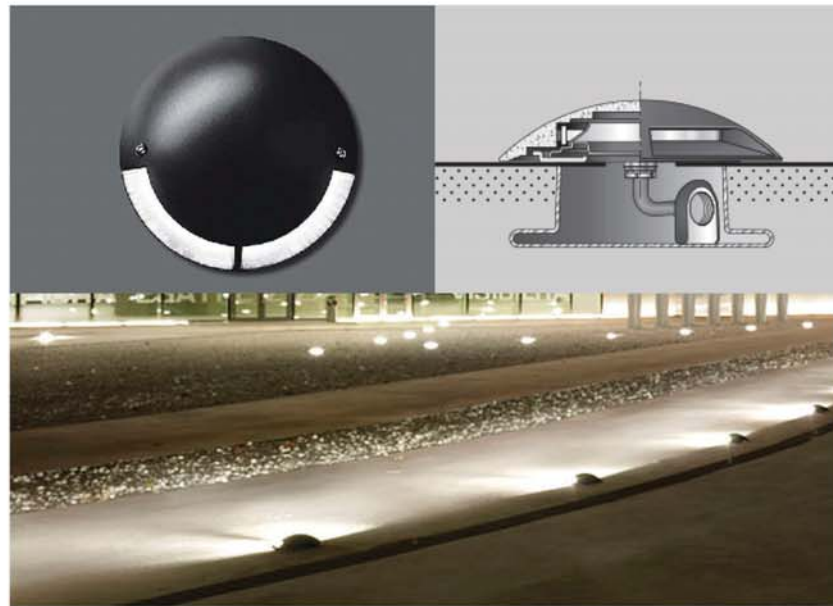


GROUNDCOVER PLANT PALETTE

- Shrubs**
- Arctostaphylos cruzensis*  
Arroyo de la Cruz Manzanita
  - Arctostaphylos 'John Dourley'*  
John Dourley Manzanita
  - Arctostaphylos hookeri franciscana*  
Franciscan Manzanita
  - Arctostaphylos 'Pacific Mist'*  
Pacific Mist Manzanita
  - Baccharis pilularis 'Pigeon Point'*  
Dwarf Coyote Brush
  - Ceanothus thyrsiflorus 'Yankee Point'*  
Carmel Mountain Lilac



## Administration Area



In-ground Luminere Lighting



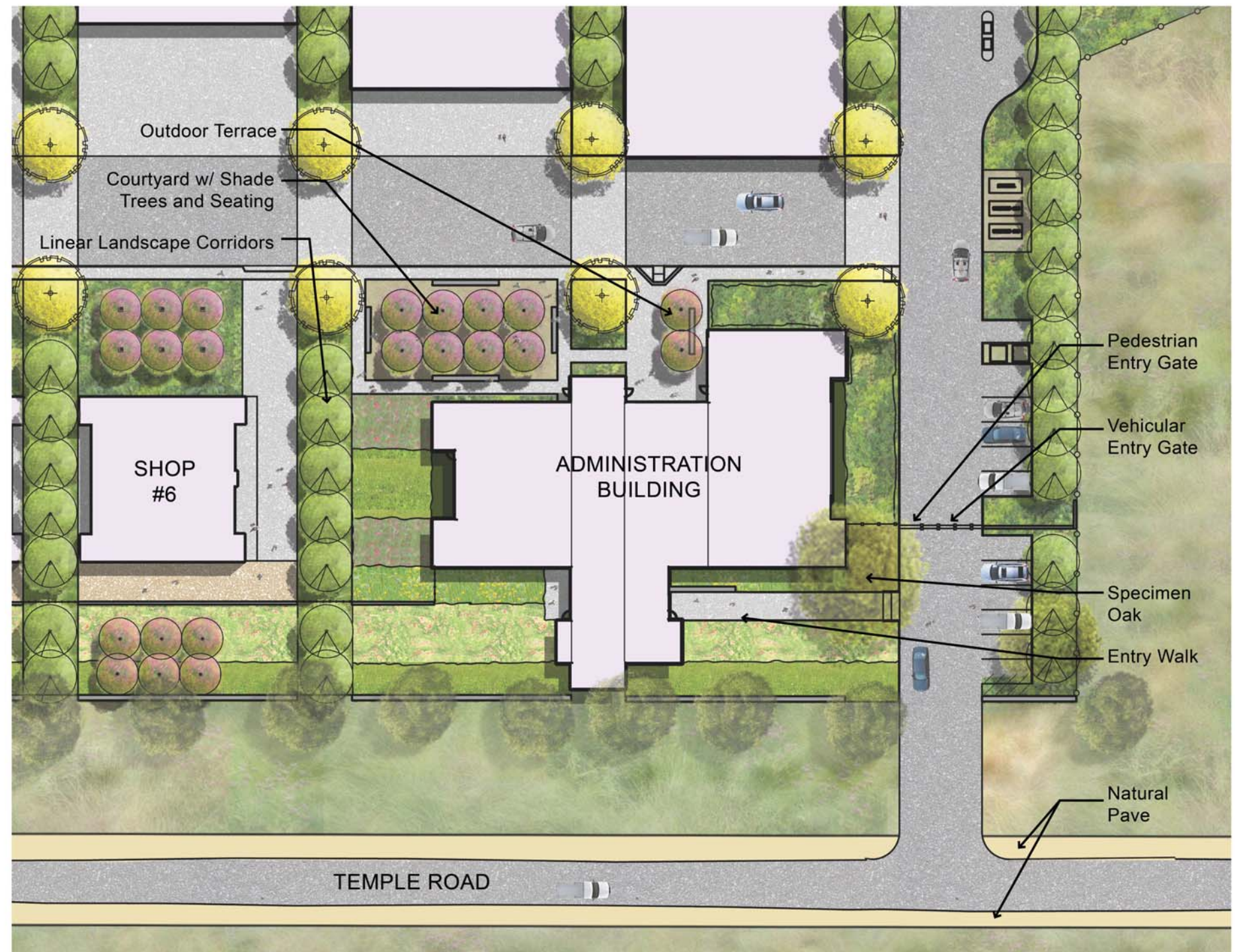
Runnel/ Water Feature



Seating



Field Stone Walls





## Entrance Gateway Restoration





# Materials



Lighting



Natural Pave



Fencing



Field Stone Walls



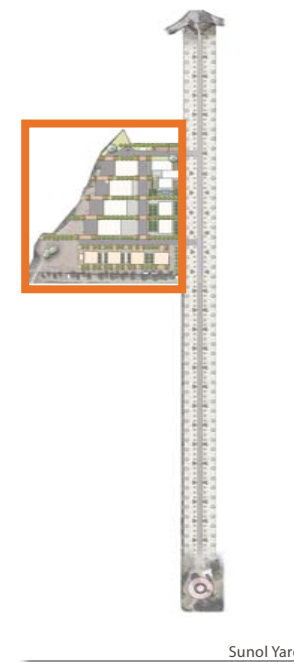
Split Face Security wall







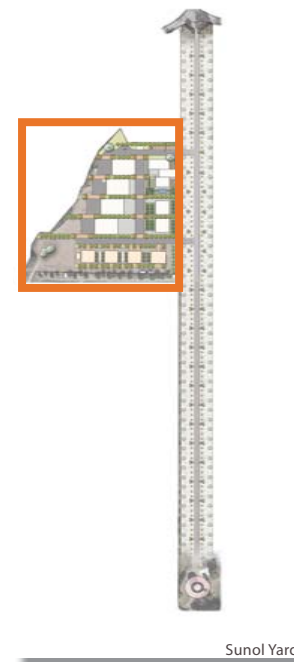
Area within (E) Fenceline  
~ 7.6 Acres



#### SITE FEATURES

1. STAFF RESIDENCE
2. GUEST HOUSE AND GARAGE
3. GARDENER'S OFFICE
4. MODULAR OFFICE STRUCTURE
5. SUNOL COTTAGE (VACANT)
6. LATHE GARDEN STRUCTURE
7. ELECTRICAL BUNGALOW
8. TOOLS STORAGE SHED
9. SUNOL TOWN PUMPS BUNGALOW
10. WATERSHED KEEPERS AND LAND RESOURCES SPECIALIST
11. ADMINISTRATION
12. COVERED VEHICLE STORAGE
13. LOCKED STORAGE
14. VEHICLE EQUIPMENT MAINTENANCE & REPAIR SHOP, CARPENTERS SHOP, AND DAY ROOM
15. GENERAL STORAGE SHED
16. PURCHASE WAREHOUSE AND CORROSION CONTROL SERVICE BUILDING
17. MODULAR BUILDING, OFFICE/DAY ROOM
18. STORAGE AND PAINTERS SHOP
19. OIL STORAGE
20. FUELING ISLAND
21. SHOP #1 (WELDING AND ROLLING)
22. SHOP #3 (AUTO)
23. SHOP #4 (BUILDING & GROUNDS / CARPENTER)





## SITE FEATURES

1. ADMINISTRATION BUILDING (10,140 SF)
2. SHOP #6 (EMT AND RADIO) (3,600 SF)
3. SHOP #5 (PLUMBING AND ELECTRICAL) (3,600 SF)
4. COVERED MATERIAL STORAGE (8,000 SF)
5. LARGE EQUIPMENT COVERED STORAGE #1 (8,000 SF)
6. LARGE EQUIPMENT COVERED STORAGE #2 (8,000 SF)
7. LARGE EQUIPMENT COVERED STORAGE #3 (8,000 SF)
8. ELECTRICAL SWITCHGEAR
9. TRANSFORMER PAD
10. VEHICLE FUEL TANKS (BIO DIESEL, 2 UNLEADED GASOLINE)
11. SHADE CANOPY / ENCLOSURE FOR FUEL TANKS
12. DIESEL STANDBY POWER GENERATOR AND ABOVE GROUND FUEL TANK
13. FUEL STATION
14. EXISTING SHOP #1 (WELDING AND ROLLING) (3,600 SF)
15. EXISTING SHOP #2 (PAINT AND BLAST) (3,600 SF)
16. EXISTING SHOP #3 (AUTO) (3,600 SF)
17. EXISTING SHOP #4
18. EXISTING PUMP BUILDING (BUILDING AND GROUND) CARPENTER) (3,600 SF)
19. NATURAL GAS STORAGE SYSTEM
20. NATURAL GAS REFUELING APPLIANCE
21. WASHRACK AREA

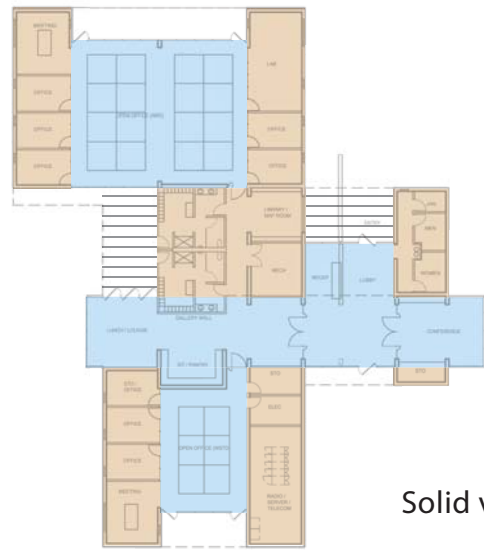




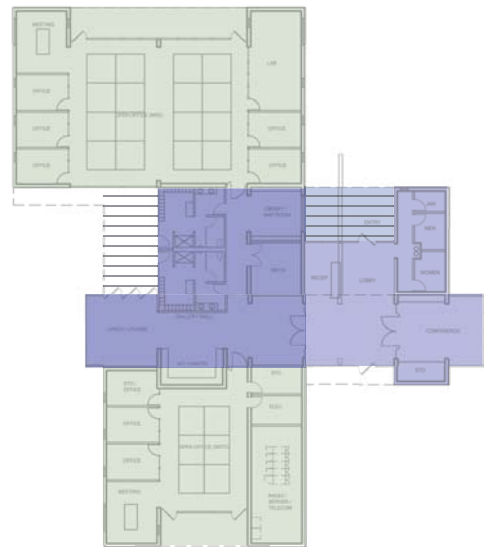




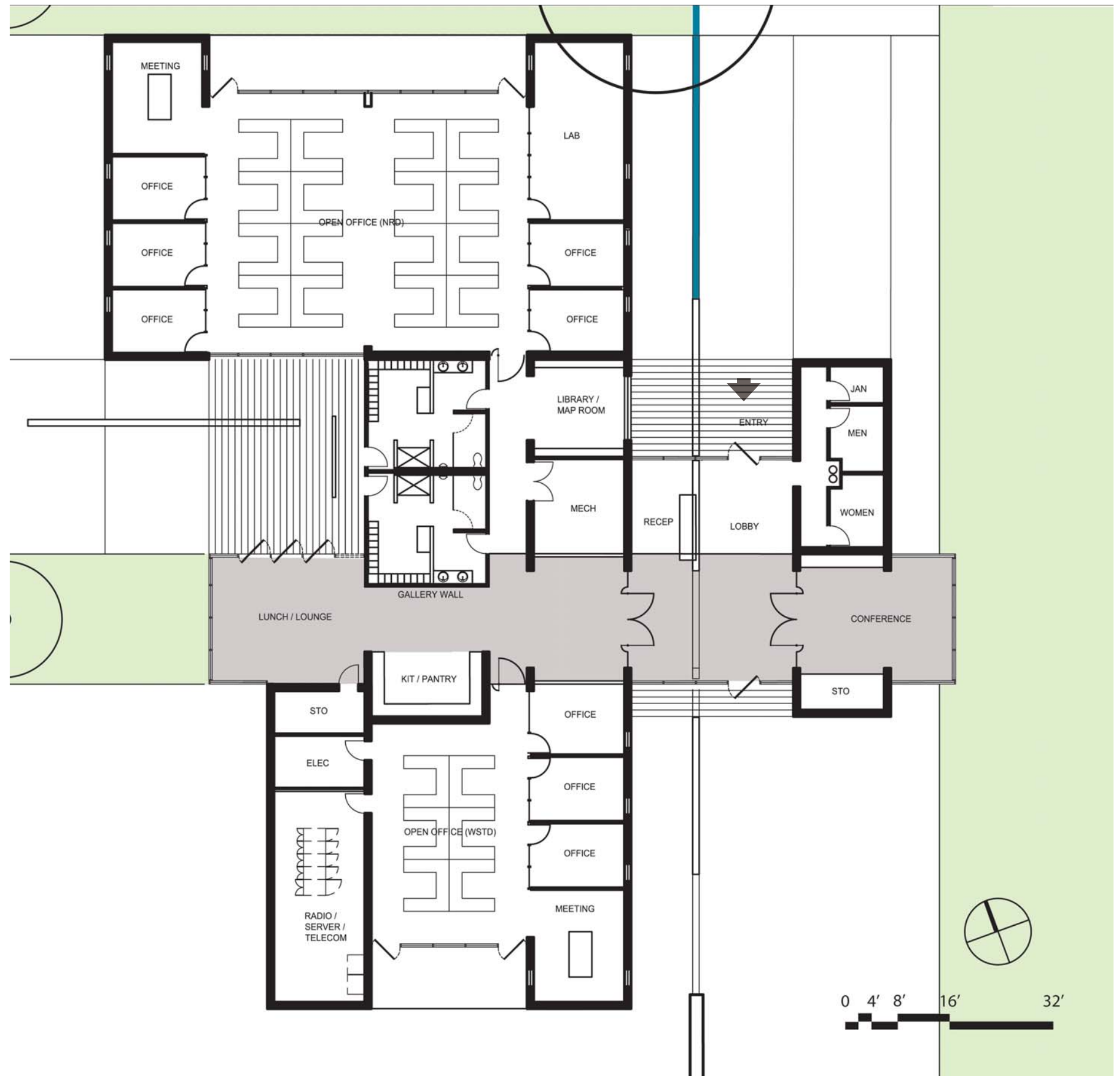
Massing Diagram



Solid vs Transparent Diagram



\ Common \ Private Diagram







North Elevation



East Elevation

OPERABLE STOREFRONT WINDOWS, (TYPICAL)



South Elevation

OPERABLE STOREFRONT WINDOWS, (TYPICAL)



West Elevation

STANDING SEAM METAL ROOF

TRELLIS

CHANNEL GLASS CLEARSTORY

MECHANICAL LOUVERS

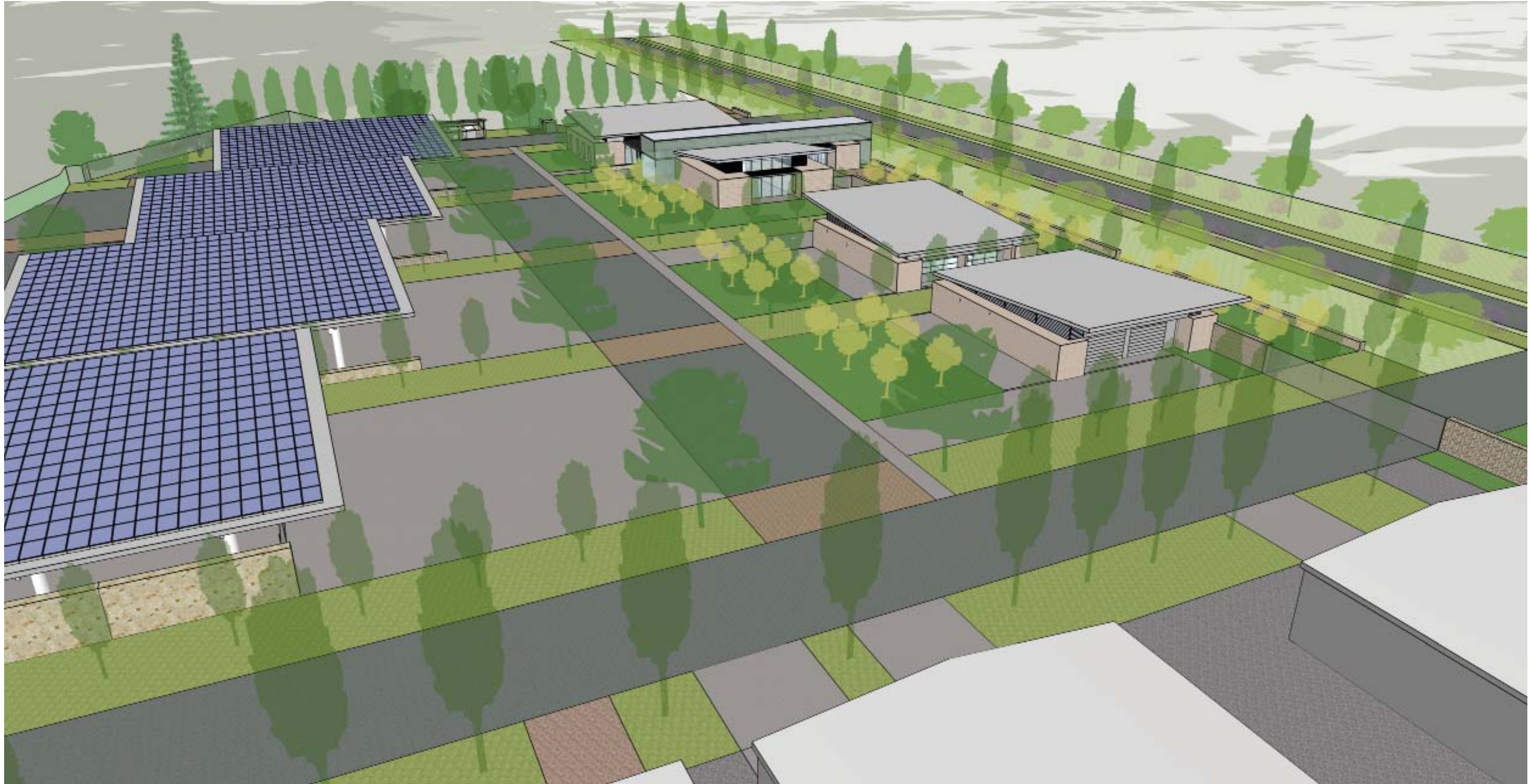
BOARD FORM CONCRETE

GABION WALL





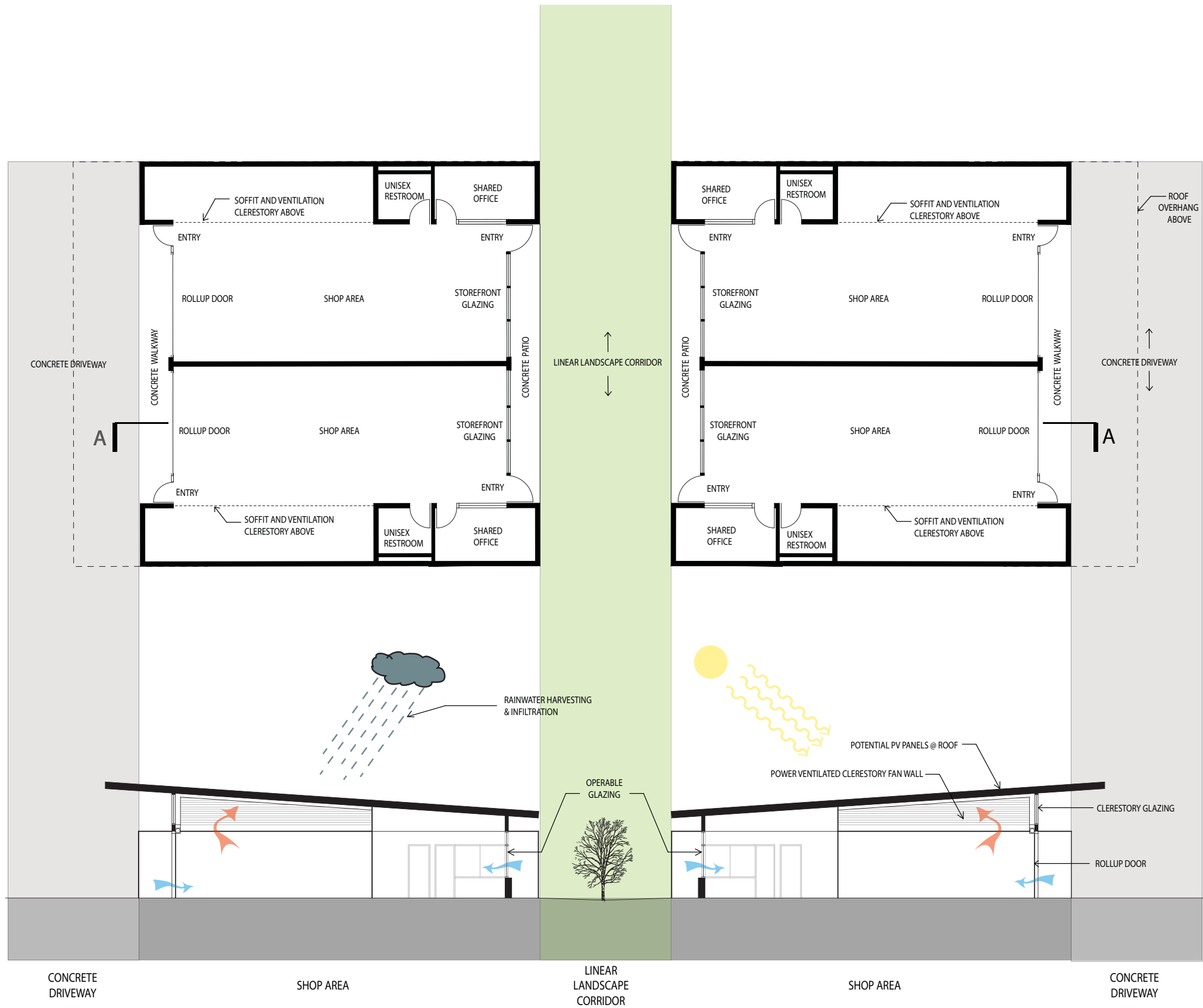




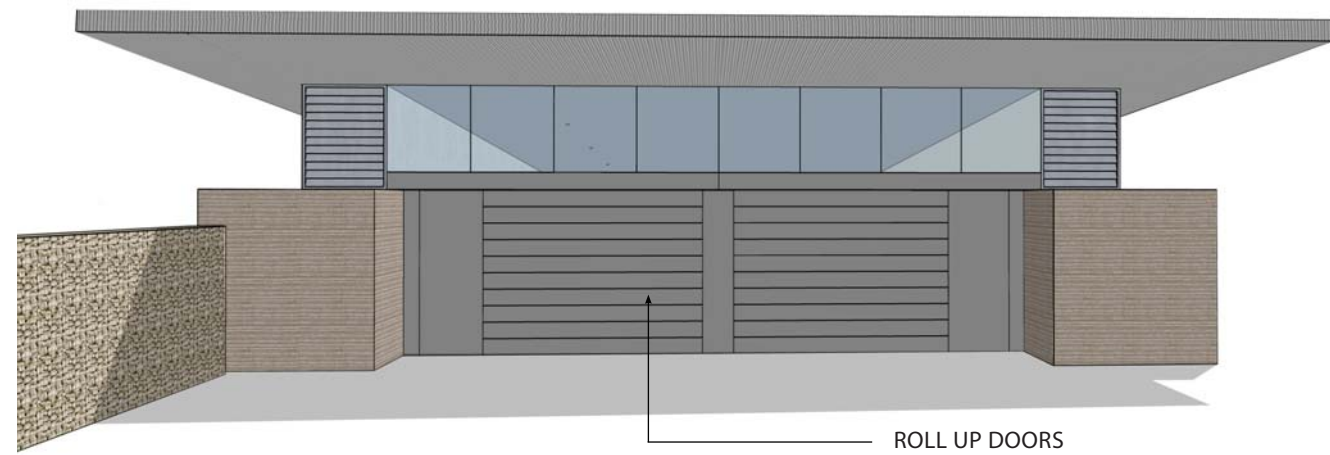












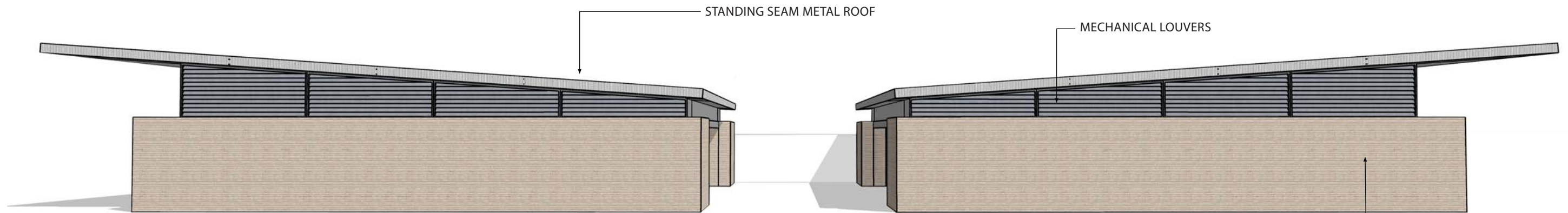
Front Elevation

ROLL UP DOORS



Rear Elevation

STOREFRONT WINDOWS



Side Elevation

STANDING SEAM METAL ROOF

MECHANICAL LOUVERS

BOARD FORM CONCRETE













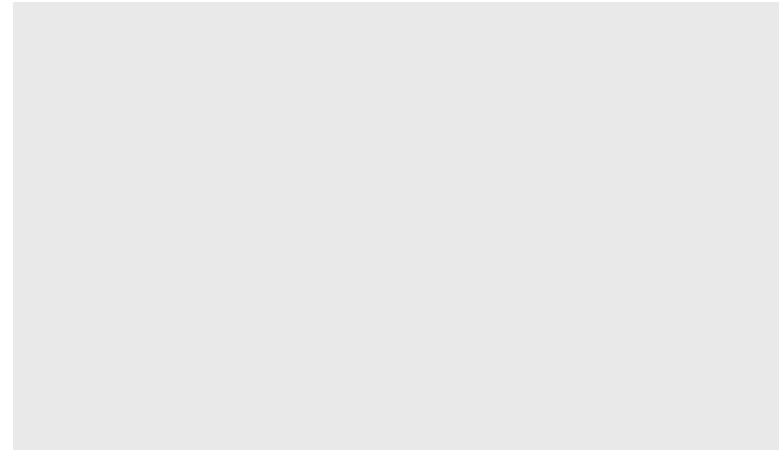








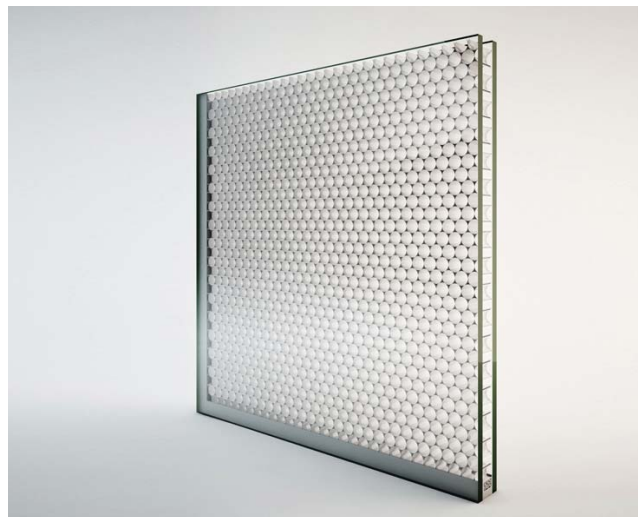
Stucco Assemblies: Armour wall 300 Water Master



Window Mullion: Medium Bronze



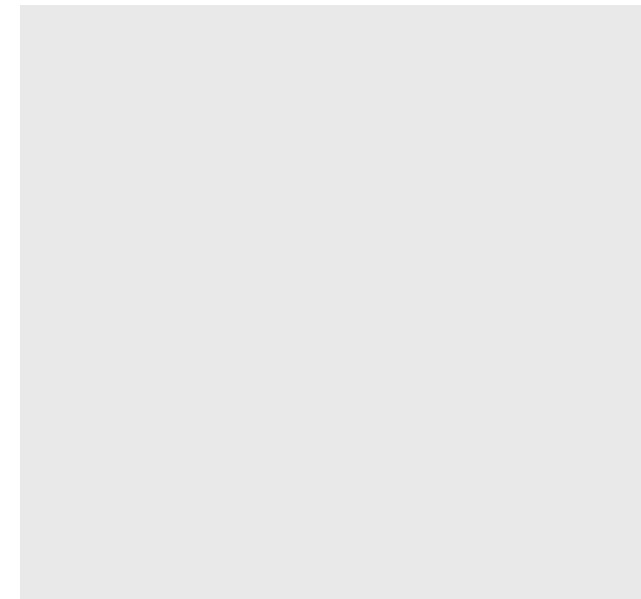
Louvers



Panelite ClearShade



Concrete



Concrete



Insulating Glass Unit: Solarban 60